

Nisi circular Filters // taking the next step

<https://www.patrickmarsonong.com/single-post/2017/04/20/I-Shoot-With-NiSi-Filters>

Night Photography // light pollution

Light pollution is a common problem amongst nightscape photographers. Either it's within a city or out in nature, it has the potential to make an image less appealing. Every now and then an image can benefit from the orange color cast but this is rarely the case.

NiSi Filters recently announced their latest addition to their family; the *Natural Night filter*, a filter which removes light pollution. I've been testing it in various settings around my hometown during the last couple of weeks and it does a great job removing the colour cast *but* is it as ground-breaking as many claims?

NiSi Natural Night Filter

The Natural Night filter is NiSi's first filter dedicated solely to night photography. As of writing this, the filter is only available for their 100x100mm holder systems (V5 or V5Pro). This means that I haven't been able to test the filters on my Nikkor 14-24mm f/2.8 which is my go-to lens for night photography. Instead, I've relied on my Nikkor 16-35mm f/4 (not the best for this purpose due to a more shallow aperture) and a Fujinon 23mm f/1.4. I've spoken with the great people over at NiSi, though, and by my understanding, a 150mm version will most likely be released soon.

NiSi describes their latest filter as this:

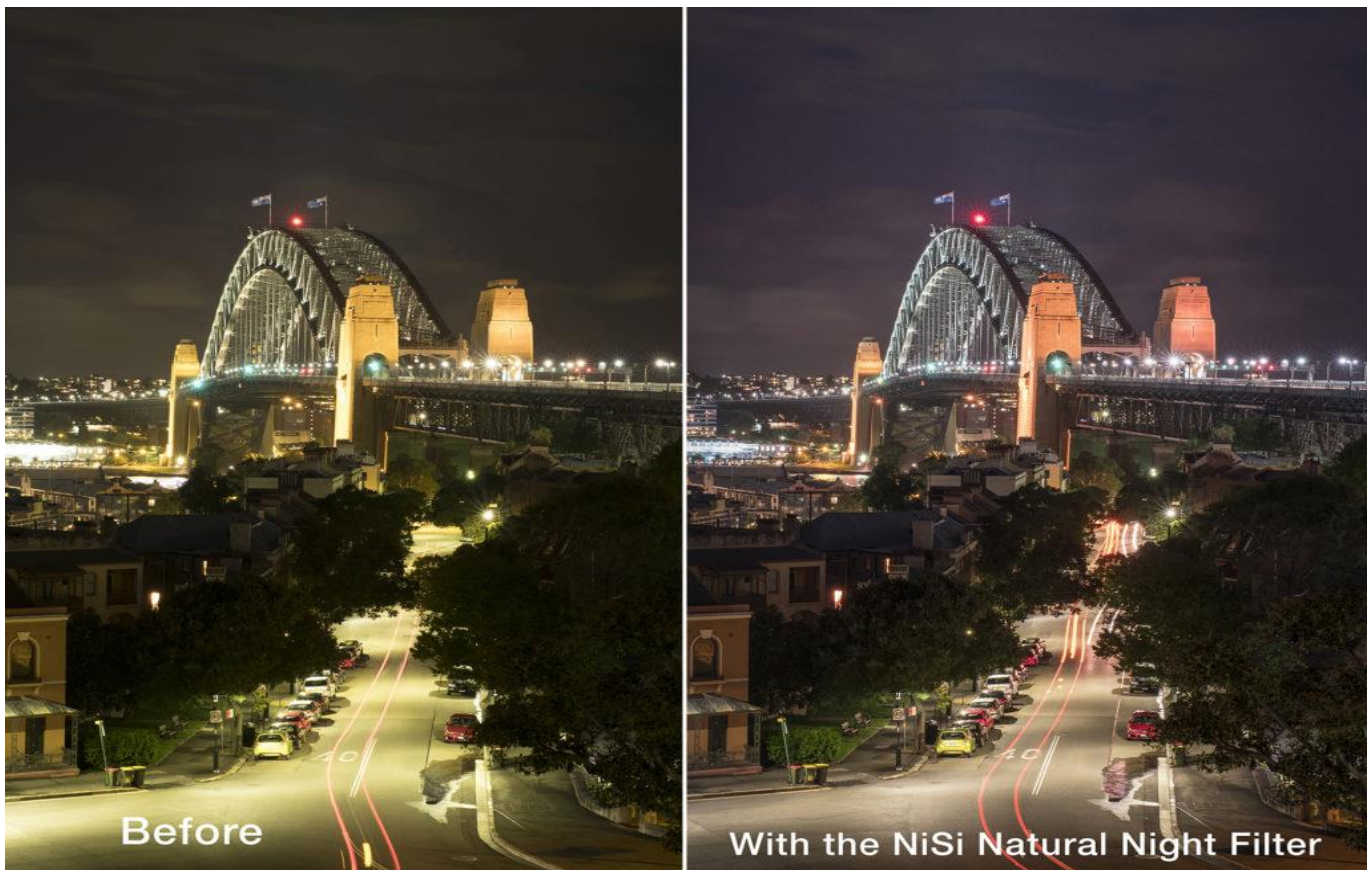
Between mercury vapour, sodium and Low CRI streetlights, there are many undesirable wavelengths of light that pollute the night sky. The glow from these can keep your camera from seeing the sky properly and effect your night images. Because of this, NiSi has created the Natural Night Filter to block the most common wavelengths of light pollution. Like the rest of the NiSi line, this filter is made of high quality, precision annealed, optical glass. Its surface is finely ground and polished to ensure sharpness for today's ultra high megapixel cameras.

A filter that removes light pollution has a great potential to become an essential tool in a night photographer's backpack as it definitely eliminates an essential problem.

Better Night Photos with NiSi Natural Night Filter



With so many undesirable wavelengths of light that pollute the night sky such as mercury vapor, sodium, and low CRI LED streetlights, it can be hard to capture a good image at night. The glow from any of these wavelengths or sources of light can prevent your camera from capturing the sky properly, which can ruin your night images. To fix this problem, NiSi has created the Natural Night Filter (**NIP-100-NGT**) which is designed specifically to block the most common wavelengths of light pollution.



The Natural Night Filter by NiSi is a 2mm H-K9L high definition optical glass filter that has double-sided anti-glare coating. Its surface is finely ground and polished to ensure sharpness for today's ultra high megapixel cameras. Built with NiSi's unique nano coating technology, the NiSi Natural Night Filter has a multi-layer coating that reduces reflection on the filter's surface to alleviate ghosting and flare. All filters have a protective layer that makes it easy to wipe off water, dust, and oil from the filter without worrying about scratching the glass. The nano coating process achieves this without a color shift or loss in sharpness.

The filter can be mounted on the NiSi V5 100mm Filter Holder with adapter rings and an integrated CPL ([NIP-V5-100](#)). With a strong line of high quality photography and cinema filters, the Natural Night Filter is a great addition to the NiSi filter line. Night photographers or anyone that wants to take great night photos will want to add this filter to their camera gear.

"This filter is a game changer for photographers and videographers who shoot at night. Being able to eliminate the yellow haze of streetlights while maintaining the rest of my colors gives me so much more room to work in post. I am able to pull colors out of night scenes that I never was before," says Macon Leiper, Photographer and NiSi Product Manager.

For more information about the NiSi Natural Night filter, please see ikancorp.com.

<http://ikancorp.com/blog/wp/2017/better-night-photos-with-nisi-natural-night-filter>